

National Climatic Data Center

DATA DOCUMENTATION

FOR

DATA SET 3392 (DSI-3392)

Weather Duration - Inventory

March 21, 2003

National Climatic Data Center  
151 Patton Ave.  
Asheville, NC 28801-5001 USA

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1. **Abstract:** The 3392 data set represents the daily inventory for the Weather Duration, DSI-3292. Each inventory record contains the observing station identification; year, month, day, and element of data inventoried; and, the Data Measurement Flag, the Quality Flag, and the number of times these two flags occur together as a pair for the given station identifier, year, month, day, and element.

2. **Element Names and Definitions:**

**Station Identifier:** (STNID) is a 5-character alphanumeric string that uniquely specifies the station whose summary observation data is inventoried. This station identifier is the WBAN number and is assigned by NCDC. Station identifier ranges in value from 03017 through 94967.

**Year:** (YEAR) is an integer that specifies the year of summary observation data inventoried. Year ranges from 1984 to present.

**Month:** (MONTH) is an integer that specifies the month of summary observation data inventoried. Month ranges from 01 to 12.

**Day:** (DAY) is an integer that specifies the day of summary observation data inventoried. Day ranges from 01 to 31.

**Element:** (ELEM) is a 4-character alphanumeric string that specifies the meteorological element type of summary observation data inventoried. Element has a value of "WTHR".

**Data Measurement Flag:** (FLAG1) is a single character. Data measurement flag has the following range of values:

B = Beginning of continuous period.

NOTE: When FLAG1 = B, the beginning time will equal the hour-minute that the weather occurrence began but the ending time will be set to '8888'.

C = Continuous throughout present day (from previous day).

NOTE: When FLAG1 = C, both the beginning and ending times will be set to '8888' indicating that the weather occurrence is continuing from a previous day and occurring for the entire present day.

E = End of continuous period from previous day.

NOTE: When FLAG1 = E, the ending time will equal the hour-minute that the weather occurrence ended but the beginning time will be set to '8888'.

b = (blank) occurrence began and ended on this day.

**Data Quality Flag:** (FLAG2) is a single character. Data quality flag has the following range of values:

0 = Observed data has passed all internal consistency checks.

2 = Observed data has failed internal consistency check.  
(Subsequent edited value follows observed value.)

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- 3 = Observed data has failed internal consistency check. (No subsequent edited value follows.)
- 4 = Observed data value is invalid. (No edited value follows.)
- E = Edited data value passes all system checks. (No observed value is present.)
- S = Manually edited data value. (Data passes all system checks.)

**Flag Pair Count:** (FPCNT) is an integer that specifies the number of times that FLAG1 and FLAG2 occur together as a pair for the given station identifier, year, month, day, hour, and element for the summary observation data. Flag pair count ranges in value from 001 through 165.

3. **Start Date:** 19840101

4. **Stop Date:** Ongoing.

5. **Coverage:** North America and the Atlantic and Pacific Oceans

- a. Southernmost Latitude: 15S
- b. Northernmost Latitude: 72N
- c. Westernmost Longitude: 134E
- d. Easternmost Longitude: 066W

6. **How to Order Data:**

Ask NCDC's Climate Services about the cost of obtaining this data set.  
 Phone: 828-271-4800  
 FAX: 828-271-4876  
 E-mail: [NCDC.Orders@noaa.gov](mailto:NCDC.Orders@noaa.gov)

7. **Archiving Data Center:**

National Climatic Data Center  
 Federal Building  
 151 Patton Avenue  
 Asheville, NC 28801-5001  
 Phone: (828) 271-4800.

8. **Technical Contact:**

National Climatic Data Center  
 Federal Building  
 151 Patton Avenue  
 Asheville, NC 28801-5001  
 Phone: (828) 271-4800.

9. **Known Uncorrected Problems:** None. Currently, there are no known uncorrected problems in the DSI-3392 data set.

10. **Quality Statement:** No quality control is performed on the 3392 data set.

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11. **Essential Companion Datasets:**

- a. Weather Duration, DSI-3292
- b. Master Station History Report, DSI-9767

12. **References:** There are no references applicable to the 3392 data set at this time.